

**Table 1 - Quantity of Material Generated to Date  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity Transported to Stockpile Management Area (1)			Approximate Quantity Transported to OPCAs (2)	
Date	Location	non-TSCA	TSCA	NAPL impacted	Hill 78 (non- TSCA)	Bldg. 71 (TSCA)
Site Preparation Activities						
12/01/01	Lyman Street Utility Relocation Excavation	213				
12/01/01	Drill Cuttings	6				
06/20/02	Drainage Swale Structure Installation	38				
	Total to Date from site preparation activities	257				
09/11/02	Building 65 Stockpile Management Area				225	
Bank Soil and Sediment (1)						
09/26/02	Cell 1A	40				
09/27/02	Cell 1A	20				
10/01/02	Cell 1A	50				
10/02/02	Cell 1A	30		40		
	Cell 1B			20		
10/03/02	Cell 1B	60		50		
10/04/02	Cell 1B			40		
10/15/02	Cell 1			13		
10/18/02	Cell 2	210				
10/21/02	Cell 2	120	60			
10/23/02	Cell 2	80	110			
10/24/02	Cell 2	50				
10/25/02	Cell 2	80				
	Cell 2 bank	110				
10/28/02	Cell 2	100	20			
	Cell 2 bank	80				
10/29/02	Cell 2	10	20			
11/11/02	Cell 3	10		80		
11/12/02	Cell 3	110		120		
11/15/02	Cell 3	10				
	Cell 3 bank	140				

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Date	Location	Approximate Quantity Transported to Stockpile Management Area (1)			Approximate Quantity Transported to OPCAs (2)	
		non-TSCA	TSCA	NAPL impacted	Hill 78 (non- TSCA)	Bldg. 71 (TSCA)
11/18/02	Cell 4 sediment & bank	370				
11/19/02	Cell 4 sediment & bank	580				
11/20/02	Cell 4	310	100			
11/21/02	Cell 4	270	80			
11/22/02	Cell 4	370				
11/25/02	Cell 4	20				
12/3/02	Cell 5	250				
12/4/02	Cell 5	60	290			
12/5/02	Cell 5	40	200			
	Building 65 Stockpile Management Area				434	
12/6/02	Cell 5	420			84	
	Building 65 Stockpile Management Area				378	
12/9/02	Cell 5	570			140	
	Building 65 Stockpile Management Area				378	
12/10/02	Cell 5	130				
	Building 65 Stockpile Management Area				518	
12/11/02	Building 65 Stockpile Management Area				574	
12/12/02	Building 65 Stockpile Management Area				644	
12/13/02	Building 65 Stockpile Management Area				574	
12/16/02	Building 65 Stockpile Management Area				574	
12/17/02	Building 65 Stockpile Management Area				420	
12/18/02	Building 63 Stockpile Management Area					420
12/19/02	Building 63 Stockpile Management Area					490
	Site clean up activities		30			
	Total to Date from bank soil and sediment	4700	910	363	4718	910
	<b>Project Totals</b>	<b>4957</b>	<b>910</b>	<b>363</b>	<b>4943</b>	<b>910</b>

Note:

(1)All quantities are in compacted or "in-place" cubic yards.

(2)For river and riverbank material transported to the stockpile management area, the table estimates approximately 10 cubic yards of compacted or "in-place" material per truck. These volume estimates are approximate only, a more accurate estimate of quantities of material excavated from the river will be based on pre-and post-excavation surveys.

(3)For material transported to GE's OPCAs, EPA estimates approximately 14 cubic yards of compacted or "in-place"

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**(Results are reported in cubic yards)**

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		non-TSCA	TSCA	NAPL impacted	Hill 78 (non- TSCA)	Bldg. 71 (TSCA)

material per truck.

**Table 2 - NPDES Sampling Results for Water Treatment System  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

**(Results are presented in part per billion, ppb)**

<b>Sample ID</b>	<b>Location</b>	<b>Date Collected</b>	<b>Aroclor 1016, 1221, 1232, &amp; 1248</b>	<b>Aroclor 1242</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>	<b>Total PCBs</b>
H2-WW000001-0-2D18	Influent	12/18/2002	ND(0.62)	ND(0.62)	9.1	1.2 J	10.0
H2-WW000002-0-2D18	Intermediate	12/18/2002	ND(0.38)	ND(0.38)	4.1	0.65	4.8
H2-WW000003-0-2D18	Effluent	12/18/2002	ND(0.025)	0.075	0.21	ND(0.025)	0.28
<b>Action Level</b>	<b>Effluent</b>		<b>0.50</b>	<b>0.50</b>	<b>0.50</b>	<b>0.50</b>	<b>0.50</b>

Notes:

ND(0.62) - Analyte was not detected. The value in parentheses is the associated detection limit.

Intermediate - sample collected between carbon units which are being operated in series.

J - Indicates an estimated value

12/18/02 - monthly sampling

**Table 2a - NPDES non-PCB Sampling Results for Water Treatment System  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in part per billion, ppb)

Sample ID	H2-WW000001-0-2N25	H2-WW000002-0-2N25	H2-WW000003-0-2N25	NPDES Permit
Sample type	Influent	Intermediate	Effluent	Regulatory
Date Collected	11/25/2002	11/25/2002	11/25/2002	Effluent Limits
Analyte				
<b>APP IX SEMIVOLATILES</b>				
1,2,4,5-TETRACHLOROBENZENE	0.54 J	ND	ND	100
1,2,4-TRICHLOROBENZENE	36.0	ND	ND	70
1,2-DICHLOROBENZENE	0.86 J	ND	ND	75
2-METHYLNAPHTHALENE	0.54 J	ND	ND	100
ACENAPHTHENE	1.1 J	ND	ND	100
BIS(2-ETHYLHEXYL) PHTHALATE	0.75 J	ND	ND	100
NAPHTHALENE	2.2 J	ND	ND	100
PHENANTHRENE	0.51 J	ND	ND	100
<b>APP IX VOLATILES</b>				
1,2,4-TRICHLOROBENZENE	40.0	0.41 J	ND	70
1,2-DICHLOROBENZENE	1.2	ND	ND	75
1,2-XYLENE	2.0	ND	ND	*
1,4-DICHLOROBENZENE	1.9	ND	ND	100
BENZENE	0.20 J	ND	ND	5*
CARBON TETRACHLORIDE	75.0	ND	ND	N/A
CHLOROBENZENE	0.52 J	ND	ND	100
CHLOROFORM	9.5	ND	ND	100
CIS-1,2-DICHLOROETHENE	2.4	ND	ND	N/A
M,P-XYLENE (SUM OF ISOMERS)	1.4	ND	ND	*
METHYLENE CHLORIDE	0.53 J	ND	ND	N/A
NAPHTHALENE	2.8	ND	ND	100
TERT-BUTYL METHYL ETHER	42.0	10.0	ND	70
TETRACHLOROETHYLENE(PCE)	4.6	ND	ND	N/A
TRICHLOROETHYLENE (TCE)	66.0	ND	ND	N/A
XYLENES (TOTAL)	3.5	ND	ND	*
<b>METALS</b>				
BARIUM	16.1	---	22.6	100
COPPER	4.7	---	4.5	100
LEAD	6.0	---	ND	50
ZINC	8.7	---	33.3	100
<b>ORGANIC</b>				
PETROLEUM HYDROCARBON	ND	ND	ND	5000

**NOTES:**

\* Total BTEX (Benzene, Toluene, Ethyl Benzene and Xylene) can not exceed 100 ppb  
Intermediate - sample collected between carbon units which are being operated in series.  
Only detected constituents are summarized  
ND - not detected  
--- not sampled  
J - Indicates an estimated value

**Table 3 - Backfill Material Testing Results  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in part per million, ppm)

Sample ID	H2-OT000034-0-2D03	H2-OT000037-0-2D03	H2-OT000047-0-2D03	H2-OT000049-0-2D03	H2-OT000034-0-2D05	Regulatory Limits (2)
Sample type	Common Fill	Filter Layer A	Top Soil (1)	Top Soil	Common Fill	
Date Collected	12/03/2002	12/03/2002	12/03/2002	12/03/2002	12/05/2002	
Analyte						
<b>APP IX SEMIVOLATILES</b>						
2-METHYLNAPHTHALENE	ND	ND	0.018 J	ND	---	4
ACENAPHTHYLENE	ND	ND	0.017 J	ND	---	100
ANTHRACENE	ND	ND	0.038 J	ND	---	1000
BENZO(A)ANTHRACENE	ND	ND	0.2 J	ND	---	0.7
BENZO(A)PYRENE	ND	ND	0.24 J	ND	---	0.7
BENZO(B)FLUORANTHENE	ND	ND	0.28 J	ND	---	0.7
BENZO(GHI)PERYLENE	ND	ND	0.15 J	ND	---	1000
BENZO(K)FLUORANTHENE	ND	ND	0.22 J	ND	---	7
BIS(2-ETHYLHEXYL) PHTHALATE	ND	ND	0.072 J	ND	---	100
BUTYLBENZYLPHthalate	ND	ND	0.16 J	ND	---	100
CHRYSENE	ND	ND	0.28 J	ND	---	7
DIBENZO(A,H)ANTHRACENE	ND	ND	0.062 J	ND	---	0.7
FLUORANTHENE	ND	ND	0.36 J	ND	---	1000
FLUORENE	ND	ND	0.019 J	ND	---	400
INDENO(1,2,3-C,D)PYRENE	ND	ND	0.11 J	ND	---	0.7
NAPHTHALENE	ND	ND	0.025 J	ND	---	4
PHENANTHRENE	ND	ND	0.25 J	ND	---	100
PYRENE	ND	ND	0.4	ND	---	700
<b>APP IX VOLATILES</b>						
2-BUTANONE	ND	ND	0.0074	0.01	---	0.3
ACETONE	0.012	0.0066	0.047	0.079	---	3
ACROLEIN	ND	ND	0.0046 J	0.0074	---	10
METHYLENE CHLORIDE	0.0016 J	0.0019 J	0.0016 J	0.0018 J	---	0.1
TERT-BUTYL METHYL ETHER	ND	ND	ND	0.0024 J	---	0.3
<b>METALS</b>						
ANTIMONY	0.72	0.42	0.71	ND	---	10
ARSENIC	8.4	1.7	4.9	4.5	---	30
BARIUM	14.1	48.8	37.2	42.6	---	1000
BERYLLIUM	0.14	0.14	0.26	0.41	---	0.7

Sample ID	H2-OT000034-0-2D03	H2-OT000037-0-2D03	H2-OT000047-0-2D03	H2-OT000049-0-2D03	H2-OT000034-0-2D05	Regulatory Limits (2)
Sample type	Common Fill	Filter Layer A	Top Soil (1)	Top Soil	Common Fill	
Date Collected	12/03/2002	12/03/2002	12/03/2002	12/03/2002	12/05/2002	
Analyte						
CADMIUM	ND	ND	0.072	ND	---	30
CHROMIUM	12.1	3.9	13.6	12.3	---	1000
COBALT	14.1	6.4	10.7	10.0	---	500
COPPER	31.2	7.1	27.5	13.9	---	1000
LEAD	8.2	3.4	126	13.2	---	300
MERCURY	ND	ND	0.035	0.069	---	20
NICKEL	23.9	8.9	17.5	18.2	---	300
SELENIUM	0.77	0.44	0.94	1.2	---	400
SILVER	ND	ND	ND	ND	---	100
THALLIUM	ND	ND	ND	ND	---	8
TIN	0.75	0.43	1.3	0.76	---	10
VANADIUM	10.1	4.6	12.7	18.1	---	400
ZINC	68.5	20.7	98.7	73.0	---	2500
<b>ORGANIC</b>						
PETROLEUM HYDROCARBON	ND	ND	ND	ND	ND	200*
<b>PCBS</b>						
AROCLOR-1260	ND	ND	0.17	ND	ND	
PCB, TOTAL	ND	ND	0.17	ND	ND	0.1*

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

--- not sampled

(1) - Material Rejected, failed to meet 0.1 ppm project specific limit. None of this material was used on the project.

(2) - Massachusetts contingency plan S-1 limits

\* - Project specific acceptable levels for backfill

NA - S-1 standard not available for this compound

**Table 3 - Backfill Material Testing Results  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in part per million, ppm)

Sample ID	H2-OT000034-0-2D09	H2-OT000050-0-2D13	H2-OT000034-0-2D13	H2-OT000034-0-2D17	Regulatory Limits (1)
Sample type	Common Fill	Common Fill	Common Fill	Common Fill	
Date Collected	12/09/2002	12/13/2002	12/13/2002	12/17/2002	
Analyte					
<b>APP IX SEMIVOLATILES</b>					
2-METHYLNAPHTHALENE	---	ND	---	---	<b>4</b>
ACENAPHTHYLENE	---	ND	---	---	<b>100</b>
ANTHRACENE	---	ND	---	---	<b>1000</b>
BENZO(A)ANTHRACENE	---	ND	---	---	<b>0.7</b>
BENZO(A)PYRENE	---	ND	---	---	<b>0.7</b>
BENZO(B)FLUORANTHENE	---	ND	---	---	<b>0.7</b>
BENZO(GHI)PERYLENE	---	ND	---	---	<b>1000</b>
BENZO(K)FLUORANTHENE	---	ND	---	---	<b>7</b>
BIS(2-ETHYLHEXYL) PHTHALATE	---	ND	---	---	<b>100</b>
BUTYLBENZYLPHthalate	---	ND	---	---	<b>100</b>
CHRYSENE	---	ND	---	---	<b>7</b>
DIBENZO(A,H)ANTHRACENE	---	ND	---	---	<b>0.7</b>
FLUORANTHENE	---	ND	---	---	<b>1000</b>
FLUORENE	---	ND	---	---	<b>400</b>
INDENO(1,2,3-C,D)PYRENE	---	ND	---	---	<b>0.7</b>
NAPHTHALENE	---	ND	---	---	<b>4</b>
PHENANTHRENE	---	ND	---	---	<b>100</b>
PYRENE	---	ND	---	---	<b>700</b>
<b>APP IX VOLATILES</b>					
2-BUTANONE	---	ND	---	---	<b>0.3</b>
ACETONE	---	<b>0.0018</b>	---	---	<b>3</b>
ACROLEIN	---	ND	---	---	<b>10</b>
METHYLENE CHLORIDE	---	ND	---	---	<b>0.1</b>
TERT-BUTYL METHYL ETHER	---	ND	---	---	<b>0.3</b>
<b>METALS</b>					
ANTIMONY	---	ND	---	---	<b>10</b>
ARSENIC	---	<b>3.4</b>	---	---	<b>30</b>
BARIUM	---	<b>18.1</b>	---	---	<b>1000</b>
BERYLLIUM	---	<b>0.20</b>	---	---	<b>0.7</b>



Sample ID	H2-OT000034-0-2D09	H2-OT000050-0-2D13	H2-OT000034-0-2D13	H2-OT000034-0-2D17	Regulatory Limits (1)
Sample type	Common Fill	Common Fill	Common Fill	Common Fill	
Date Collected	12/09/2002	12/13/2002	12/13/2002	12/17/2002	
Analyte					
CADMIUM	---	ND	---	---	30
CHROMIUM	---	6.2	---	---	1000
COBALT	---	5.9	---	---	500
COPPER	---	14.2	---	---	1000
LEAD	---	6.2	---	---	300
MERCURY	---	ND	---	---	20
NICKEL	---	10.1	---	---	300
SELENIUM	---	0.56	---	---	400
SILVER	---	ND	---	---	100
THALLIUM	---	ND	---	---	8
TIN	---	0.58	---	---	10
VANADIUM	---	6.4	---	---	400
ZINC	---	37.3	---	---	2500
<b>ORGANIC</b>					
PETROLEUM HYDROCARBON	ND	ND	ND	ND	200*
<b>PCBS</b>					
AROCLOR-1260	ND	ND	ND	ND	
PCB, TOTAL	ND	ND	ND	ND	0.1*

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

--- not sampled

(1) - Material Rejected, failed to meet 0.1 ppm project specific limit. None of this material was used on the project.

(2) - Massachusetts contingency plan S-1 limits

\* - Project specific acceptable levels for backfill

NA - S-1 standard not available for this compound

**Table 4 - Daily Air Monitoring Results  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

<b>Date Collected</b>	<b>Sample Location</b>	<b>Average Site Concentration (mg/m<sup>3</sup>)</b>	<b>Average Period (Hours:Min)</b>
12/02/2002	Upwind	0.008	8:00
	Downwind	0.012	8:00
	Background	---	---
12/03/2002	Upwind	0.006	6:00
	Downwind	0.005	5:00
	Background	---	---
12/04/2002	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
12/05/2002	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
12/06/2002	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
12/09/2002	Upwind	0.034	9:00
	Downwind	0.029	7:00
	Background	---	---
12/10/2002	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
12/11/2002	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
12/12/2002	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
12/13/2002	Upwind	*	*
	Downwind	*	*
	Background	*	*
12/16/2002	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
12/17/2002	Upwind	0.007	9:00
	Downwind	0.003	9:00
	Background	---	---
12/18/2002	Upwind	0.024	8:00
	Downwind	0.024	8:00
	Background	---	---
12/19/2002	Upwind	0.036	6:00
	Downwind	0.028	7:00
	Background	---	---

**Table 4 - Daily Air Monitoring Results  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

<b>Date Collected</b>	<b>Sample Location</b>	<b>Average Site Concentration (mg/m<sup>3</sup>)</b>	<b>Average Period (Hours:Min)</b>
12/20/2002	Upwind	**	**
	Downwind	**	**
	Background	**	**
12/23/2002	Upwind	**	**
	Downwind	**	**
	Background	**	**
12/24/2002	Upwind	**	**
	Downwind	**	**
	Background	**	**
12/25/2002	Upwind	**	**
	Downwind	**	**
	Background	**	**
12/26/2002	Upwind	**	**
	Downwind	**	**
	Background	**	**
12/27/2002	Upwind	**	**
	Downwind	**	**
	Background	**	**
12/30/2002	Upwind	**	**
	Downwind	**	**
	Background	**	**
12/31/2002	Upwind	**	**
	Downwind	**	**
	Background	**	**
<b>notification level</b>		<b>0.120</b>	
<b>action level</b>		<b>0.150</b>	

Notes:

N/A - Not available due to precipitation

--- - No reading due to technical difficulties with monitoring equipment

\* No river work/construction activities were performed

\*\* Holiday break, no river work/construction activities were performed

**Table 5 - Daily Water Column Turbidity Monitoring Results  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

Date	Flow at Coltsville (cfs)	Location	Turbidity		
			Average	High	Low
12/02/2002	82	Upstream of Lyman Street Bridge	1.2	1.4	1.0
		Upstream of Elm Street Bridge	-1.3	-1.2	-1.4
12/03/2002	69	Upstream of Lyman Street Bridge	1.4	1.7	1.3
		Upstream of Elm Street Bridge	-1.0	-0.8	-1.2
12/04/2002	62	Upstream of Lyman Street Bridge	1.4	1.5	1.3
		Upstream of Elm Street Bridge	-1.1	-0.9	-1.2
12/05/2002	65	Upstream of Lyman Street Bridge	1.2	1.4	1.1
		Upstream of Elm Street Bridge	-1.3	-1.2	-1.4
12/06/2002	68	Upstream of Lyman Street Bridge	1.2	1.5	1.0
		Upstream of Elm Street Bridge	-1.3	-1.2	-1.4
12/09/2002	49	Upstream of Lyman Street Bridge	1.4	1.6	1.2
		Upstream of Elm Street Bridge	-1.3	-1.1	-1.5
12/10/2002	49	Upstream of Lyman Street Bridge	1.6	1.9	1.4
		Upstream of Elm Street Bridge	-1.3	-1.2	-1.4
12/11/2002	55	Upstream of Lyman Street Bridge	1.4	1.6	1.3
		Upstream of Elm Street Bridge	-1.5	-1.1	-1.6
12/12/2002	62*	Upstream of Lyman Street Bridge	4.0	5.8	2.1
		Upstream of Elm Street Bridge	3.1	8.3	-0.9
12/13/2002	66	Upstream of Lyman Street Bridge	2.4	3.0	2.1
		Upstream of Elm Street Bridge	-0.2	0.5	-0.7
12/16/2002	154	Upstream of Lyman Street Bridge	8.8	10.8	7.8
		Upstream of Elm Street Bridge	0.4	0.7	-0.1
12/17/2002	109	Upstream of Lyman Street Bridge	9.0	17.9	7.7
		Upstream of Elm Street Bridge	-0.3	-0.2	-0.5
12/18/2002	82	Upstream of Lyman Street Bridge	7.5	8.9	7.1
		Upstream of Elm Street Bridge	-0.4	-0.3	-0.6
12/19/2002	78	Upstream of Lyman Street Bridge	7.5	9.6	7.0
		Upstream of Elm Street Bridge	1.6	5.5	-0.6
12/20/2002	103	Upstream of Lyman Street Bridge	20.5	44.4	7.4
		Upstream of Elm Street Bridge	15.3	37.1	-0.5

Notes:

**Turbidity Action Level - Average Downstream (Elm Street)  $\geq$  Average Upstream (Lyman Street) + 50 ntu**

cfs - Cubic feet per second

ntu - nephelometric turbidity units

\*Flow measurement at 0945 not 1200 due to system failure at the Coltsville Gaging Station.

Negative values are attributed to +/- 2ntu accuracy of the turbidity probe

Measurements collected using YSI 6200 Data Acquisition System using 600 OMS

sonde with a 6136 Turbidity Probe

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA

at approximately midday.

**Table 6 - Summary of Turbidity, PCB, and TSS Water Column Monitoring Results  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

Location	Date	Estimated Flow (cfs)	Turbidity			Water Temp. (°C)	Water Temp. End(°C)	Calculated Flow Beginning (cfs)	Calculated Flow End (cfs)	Sample ID	Total PCB Concentration (ug/l)	Filtered PCB Concentration (ug/l)
			High	Low	Daily Average							
Upstream of Newell St. Bridge	11/20/02	114	---	---	---	3.0**	4.25**	N/A	N/A	H0-SW000054-0-2N20	ND(0.013)	ND(0.013)
Upstream of Lyman St. Bridge	11/20/02	114	---	---	---	2.94*	---	---	---	H1-SW000053-0-2N20	ND(0.013)	ND(0.013)
Upstream of Elm St. Bridge	11/20/02	114	17.6	2.1	6.1	---	---	---	---	---	---	---
Downstream of Pomeroy Ave. Bridge	11/20/02	114	---	---	---	2.0**	3.0**	163.7	163.7	H2-SW000052-0-2N20	0.044	ND(0.013)
Upstream of Newell St. Bridge	12/04/02	62	---	---	---	---	---	N/A	N/A	H0-SW000054-0-2D04	---	---
Upstream of Lyman St. Bridge	12/04/02	62	1.5	1.3	1.4	0.17*	---	---	---	H1-SW000053-0-2D04	0.026	ND(0.012)
Upstream of Elm St. Bridge	12/04/02	62	-0.9	-1.2	-1.1	---	---	---	---	---	---	---
Downstream of Pomeroy Ave. Bridge	12/04/02	62	---	---	---	0.0**	0.0**	106.3	106.3	H2-SW000052-0-2D04	0.043	ND(0.012)
Downstream of Pomeroy Ave. Bridge (DUPLICATE)	12/04/02	62	---	---	---	0.0**	0.0**	106.3	106.3	H2-SW000052-1-2D04	---	ND(0.012)
Upstream of Newell St. Bridge	12/18/02	82	---	---	---	0.5**	1.5**	N/A	N/A	H0-SW000054-0-2D18	ND(0.012)	ND(0.012)
Upstream of Lyman St. Bridge	12/18/02	82	8.9	7.1	7.5	0.2*	---	---	---	H1-SW000053-0-2D18	ND(0.012)	ND(0.012)
Upstream of Elm St. Bridge	12/18/02	82	-0.3	-0.6	-0.4	---	---	---	---	---	---	---
Downstream of Pomeroy Ave. Bridge	12/18/02	82	---	---	---	1.5**	1.0**	121.4	121.4	H2-SW000052-0-2D18	ND(0.012)	ND(0.012)

Notes:

**PCB Action Level - Downstream (Pomeroy Avenue)  $\geq$  Upstream (Lyman Street) + 5 ug/L**

N/A - A rating curve is not yet established at the Newell Street Location, therefore, no flow can be calculated

cfs - Cubic feet per second

ntu - nephelometric turbidity units

--- - No data obtained

\* - Temperature measured YSI 600 oms system.

\*\* - Temperature measured using hand held stainless steel thermometer.

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

11/20/02 - Water column samples collected are 10-hour composite samples.

12/04/02 & 12/18/02 - Due to extreme cold, water column samples are collected manually as 4 part grab samples.

Two flow values calculated, one at the beginning of the sampling event and one at the end of sampling event.

TSS (mg/l)
2.9
4.3
---
2.8
---
1.9
---
2.3
---
2.7
1.9
---
2.5

**Table 7 - Equipment Confirmatory Wipe Samples  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in  $\mu\text{g}/100 \text{ cm}^2$  )

Sample ID	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000030-0-2D20	12/20/2002	1.6	1.6	1.6	1.6
H2-XI000031-0-2D20	12/20/2003	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000032-0-2D20	12/20/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000033-0-2D20	12/20/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

Notes:

**PCB Action Level - 10.0 mg/100 cm<sup>2</sup>**

ND(0.5) - Analyte was not detected. The value in parentheses is the associated detection limit.

**Table 8 - PCB Air Sampling Results  
December 2002 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in  $\mu\text{g}/\text{m}^3$ )

Sample ID	Location*	Date Collected	Aroclor 1016, & 1242	Aroclor 1221, 1232, & 1248	Aroclor 1254	Aroclor 1260
H2-AR000007-0-2N21	background	11/21/2002	ND(0.00268)	ND(0.00268)	ND(0.00268)	ND(0.00268)
H2-AR000008-0-2N21	northeast corner	11/21/2002	ND(0.00264)	ND(0.00264)	<b>0.00290</b>	ND(0.00264)
H2-AR000009-0-2N21	southeast corner	11/21/2002	<b>0.00518</b>	ND(0.00272)	<b>0.02997</b>	ND(0.00272)
H2-AR000011-0-2N21	southwest corner	11/21/2002	ND(0.00271)	ND(0.00271)	<b>0.00623</b>	ND(0.00271)
H2-AR000011-1-2N21 (DUPLICATE)	southwest corner	11/21/2002	ND(0.00271)	ND(0.00271)	<b>0.00596</b>	ND(0.00271)
H2-AR000012-0-2N21	northwest corner	11/21/2002	ND(0.00277)	ND(0.00277)	<b>0.00388</b>	ND(0.00277)
H2-AR000007-0-2D10	background	12/10/2002	ND(0.00271)	ND(0.00271)	ND(0.00271)	ND(0.00271)
H2-AR000008-0-2D10	northeast corner	12/10/2002	ND(0.00273)	ND(0.00273)	ND(0.00273)	ND(0.00273)
H2-AR000009-0-2D10	southeast corner	12/10/2002	ND(0.00272)	ND(0.00272)	<b>0.00490</b>	ND(0.00272)
H2-AR000011-0-2D10	southwest corner	12/10/2002	ND(0.00276)	ND(0.00276)	ND(0.00276)	ND(0.00276)
H2-AR000011-1-2D10 (DUPLICATE)	southwest corner	12/10/2002	ND(0.002797)	ND(0.002797)	ND(0.002797)	ND(0.002797)
H2-AR000012-0-2D10	northwest corner	12/10/2002	ND(0.00274)	ND(0.00274)	ND(0.00274)	ND(0.00274)

Notes:

**Notification Level:  $0.05\mu\text{g}/\text{m}^3$**

**Action Level:  $0.1\mu\text{g}/\text{m}^3$**

ND(0.00268) - Analyte was not detected. The value in parentheses is the associated detection limit.

\* - See Figure 1 for locations



<b>Total PCBs</b>
ND(0.00268)
<b>0.00290</b>
<b>0.03515</b>
<b>0.00623</b>
<b>0.00596</b>
<b>0.00388</b>
ND(0.00271)
ND(0.00273)
<b>0.00490</b>
ND(0.00276)
ND(0.002797)
ND(0.00274)